



Practitioner's Docket No. 701039-054701

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Marsha A. Moses, Li Yan  
Application No.: 09/977,878 Group No.: 1642  
Filed: 10/15/01 Examiner: Karen A. Canella  
For: NON-INVASIVE ENZYME SCREEN FOR TISSUE REMODELLING  
ASSOCIATED CONDITIONS

**CERTIFICATE OF MAILING (37 C.F.R. SECTION 1.8(a))**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

1/5/2004  
Date

Nicole M. Gignac  
(type or print name of person mailing paper)

Nicole M. Gignac  
signature of person mailing paper

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
(REVOCATION OF PRIOR POWERS)**

As assignee of record of the entire interest of the above identified application,

**REVOCATION OF PRIOR POWERS OF ATTORNEY**

all powers of attorney previously given are hereby revoked and

**NEW POWER OF ATTORNEY**

the following practitioners are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith.

Ronald I. Eisenstein	(Reg. No. 30,628)
David S. Resnick	(Reg. No. 34,235)
Nicole L.M. Valtz	(Reg. No. 47,150)
Leena Karttunen	(37 CFR Sec. 10.9(b))
Michael L. Goldman	(Reg. No. 30,727)
Georgia Evans	(Reg. No. 44,957)
Gunnar G. Leinberg	(Reg. No. 35,584)
Edwin V. Merkel	(Reg. No. 40,087)
Joseph Noto	(Reg. No. 32,163)

In re application of:  
Application No.:  
Filed:  
For:

Marsha A. Moses, Li Yan

09/977,878

10/15/01

NON-INVASIVE ENZYME SCREEN FOR TISSUE REMODELLING ASSOCIATED  
CONDITIONS

Group No.: 1642

Examiner: Karen A. Canella

---

**SEND CORRESPONDENCE TO:**

David S. Resnick  
NIXON PEABODY LLP  
101 Federal Street  
Boston, MA 02110

**DIRECT TELEPHONE CALLS TO:**

617-345-6057

---

**Assignee:**

Children's Medical Center Corporation  
55 Shattuck Street  
Boston, MA 02115

Recorded in PTO on March 5, 2002  
Reel 012658  
Frame 0775

**ASSIGNEE STATEMENT**

Attached to this power is a "STATEMENT UNDER 37 C.F.R. § 3.73(b)."

Date: \_\_\_\_\_

12-17-03



**Signature**

Children's Medical Center Corporation

**Assignee**

Donald P. Lombardi

Chief Intellectual Property Officer

**COPY**

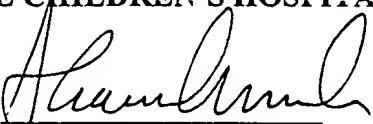
**ASSISTANT SECRETARY'S CERTIFICATE**

I, Stuart J. Novick, hereby certify that I am the duly elected, qualified and acting Assistant Secretary of the Children's Medical Center Corporation ("Medical Center") and The Children's Hospital Corporation ("Hospital"), both corporations organized and existing under the laws of the Commonwealth of Massachusetts, and that as such, I am authorized to execute this Certificate on behalf of the Medical Center and the Hospital. I hereby certify that on July 17, 2001, at a meeting duly called and at which a quorum was present, the Board of Trustees of the Medical Center and the Hospital unanimously adopted the following vote which has not be amended or changed and remains in full force and effect as of the date of this Certificate:

VOTED: That Donald P. Lombardi, Chief Intellectual Property Officer, be and hereby is individually authorized to sign, on behalf of the Hospital and Medical Center, intellectual property management agreements (including licenses, options, joint ownership agreements, assignments and related documents), copyright, patent, and trademark applications and related documents, sponsored research agreements, material transfer agreements, confidential disclosure agreements, and other documents relating to the Hospital's and Medical Center's intellectual property and the transfer thereof.

IN WITNESS WHEREOF, I have executed this Certificate this 2<sup>nd</sup> day of November, 2001.

**THE CHILDREN'S MEDICAL CENTER CORPORATION  
THE CHILDREN'S HOSPITAL CORPORATION**

By: 

Stuart J. Novick  
Assistant Secretary

03-14-2002

Page 1 of 1

FORM PTO-1595

(Rev. 3/01)

OMB No. 0651-0027 (Exp. 5/31/2002)

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

102015161

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Marsha A. Moses  
Li Yan

MAR 05 2002

PATENT &amp; TRADEMARK OFFICE

3-5-02

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: 1. December 12, 2001; 2. December 14, 2001

## 2. Name and address of receiving party(ies)

Name: Children's Medical Center Corporation

Internal Address:

Street Address: 300 Longwood Avenue

City: Boston State: MA ZIP: 02115

Additional name(s) & address(es) attached? ☐ Yes ☒ No

RECEIVED

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: JAN 09 2004

A. Patent Application No.(s)

09/977,878

B. Patent No.(s)

TECH CENTER 1600/2900

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Elizabeth A. Hanley, Esq.

Internal Address: Lahive &amp; Cockfield, LLP

Street Address: 28 State Street

City: Boston State: MA ZIP: 02109

## 6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number:

12-0080

(Attach duplicate copy of this page if paying by deposit account)

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Elizabeth A. Hanley, Esq.

Name of Person Signing

Signature

February 25, 2002

Date

Total number of pages including cover sheet, attachments, and document:

3

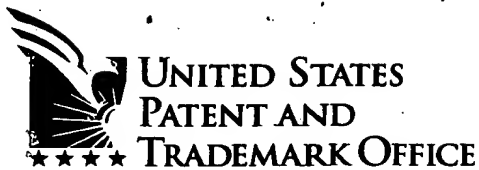
Mail documents to be recorded with required cover sheet information to:

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Washington, D.C. 20231

13/2002 DBYRNE 00000176 09977878

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MAY 06, 2002

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Commissioner for Trademarks  
Arlington, VA 22202-3513  
www.uspto.gov

LAHIVE & COCKFIELD, LLP  
ELIZABETH A. HANLEY, ESQ.  
28 STATE ST.  
BOSTON, MA 02109



\*102015161A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/05/2002

REEL/FRAME: 012658/0775  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MOSES, MARSHA A.

DOC DATE: 12/12/2001

ASSIGNOR:

YAN, LI

DOC DATE: 12/14/2001

ASSIGNEE:

CHILDREN'S MEDICAL CENTER  
CORPORATION  
300 LONGWOOD AVENUE  
BOSTON, MASSACHUSETTS 02115

SERIAL NUMBER: 09977878

PATENT NUMBER:

FILING DATE: 10/15/2001

ISSUE DATE:

PAULA MCCRAY, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

ASSIGNMENT

CMZ-130  
**COPY**

We, Marsha A. Moses of Brookline, Massachusetts, and Li Yan of Wellesley, Massachusetts, in consideration of One Dollar and other valuable consideration paid to us by

Children's Medical Center Corporation

a corporation of Massachusetts, having its principal place of business at 300 Longwood Avenue, Boston, Massachusetts 02115, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Children's Medical Center Corporation

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

*Non-Invasive Enzyme Screen for Tissue Remodeling-Associated Conditions*

described in an application

- ☐ executed by us of even date herewith and about to be filed  
☒ Serial No. 09/977,878, filed on October 15, 2001

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 12<sup>th</sup> day of December, 2001.

By: Marsha A. Moses  
Marsha A. Moses

Commonwealth of Massachusetts Gloria Garrison  
Notary Public  
County of Commonwealth of Massachusetts  
My Commission Expires 06/20/2008

Then personally appeared the above named Marsha A. Moses and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 12 day of December, 2001.

Gloria Garrison  
Notary Public

My commission expires Gloria Garrison  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires 06/20/2008

WITNESS my hand and seal this 14TH day of DECEMBER, 2001.

By. 

Li Yan

~~PENNSYLVANIA~~

Commonwealth of ~~Massachusetts~~ )

)ss

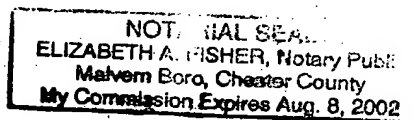
County of CHESTER )

Then personally appeared the above named Li Yan and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 14TH day of DECEMBER, 2001.



Notary Public

My commission expires: AUG 8, 2002





Practitioner's Docket No. 701039-054701

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Date

1/5/2004

(type or print name of person mailing paper)

Nicole M. Grignani

signature of person mailing paper

Nicole M. Grignani

**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**STATEMENT UNDER 37 C.F.R. § 3.73(b)—  
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION**

The assignee(s) of the entire right, title and interest hereby seek(s) to take action in the PTO in this matter.

**IDENTIFICATION OF ASSIGNEE**

Name of assignee: Children's Medical Center Corporation  
Type of assignee: Corporation

**PERSON AUTHORIZED TO SIGN**

Name of person authorized to sign on behalf of assignee: Donald P. Lombardi  
Title of person authorized to sign: Chief Intellectual Property Officer

**BASIS OF ASSIGNEE'S INTEREST**

Ownership by the assignee is established as follows:

An assignment from the inventor(s) of the matter identified above, which was recorded in the PTO at Reel 012658, Frame 0775.



In re application of: Marsha A. Moses, Li Yan  
Application No.: 09/977,878  
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For: NON-INVASIVE ENZYME SCREEN FOR TISSUE REMODELLING ASSOCIATED CONDITIONS

Group No.: 1642  
Examiner: Karen A. Canella

**COPIES OF DOCUMENTS IN CHAIN OF TITLE**

Copies of the assignment(s) or other document(s) in the chain of title are attached as follows:

Recorded on 03/05/2002  
Reel 012658, Frame 0775.

Date: 12-18-03

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Donald P. Lombardi  
Chief Intellectual Property Officer